NetWaySP4PL
4-port PoE+ Switch

Description

Altronix NetWaySP4PL PoE+ Switch provides two (2) 1Gb SFP (Fiber) ports and four (4) PoE+ (30W) or two (2) Hi-PoE (60W) ports, passing data for PoE/PoE+/Hi-PoE compliant devices. Cameras/edge devices may be located up to 100m from the unit. Embedded LINQ Technology allows you to monitor, control, and report power and diagnostics from anywhere.
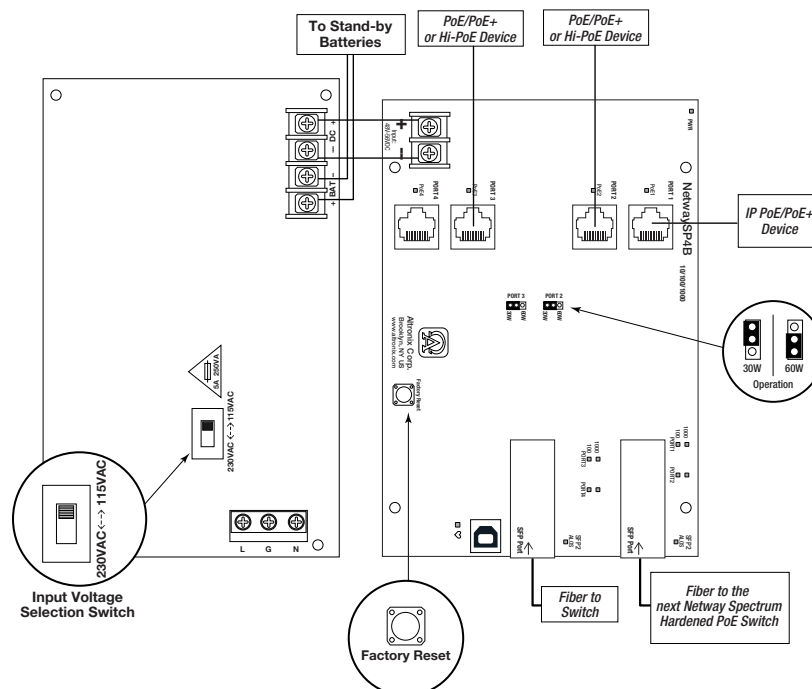
NetWaySP4PL

Key Features

- Two (2) Gigabit SFP ports.

- 120W total power:
  - Four (4) PoE/PoE+ (up to 30W) ports
    or two (2) Hi-PoE (60W) ports.

- Four (4) 10/100/1000 Mbps ports.

- IEEE 802.3at (30W), IEEE 802.3af (15W) compliant,
  or Hi-PoE (60W).

- PoE activity LED indicators.

- UL Listed in the U.S. and Canada.

- CE Approved.

- Lifetime Warranty / Made in the U.S.A.

Similar products:

- NetWaySP4WPX - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure which accommodates stand-by batteries.

- NetWaySP4WP - Outdoor 4-port PoE+ Hardened Switch in NEMA 4/4X, IP66-11 enclosure.

- NetWaySP4WPN - Outdoor 4-port PoE+ Hardened Switch only in NEMA 4/4X, IP66-11 enclosure.

- NetWaySP4X - Indoor 4-port PoE+ Hardened Switch.

- NetWaySP4B - 4-port PoE+ Switch board only.

Typical Application

NetWaySP4PL
4-port PoE+ Switch

Specifications

Input

Voltage	115VAC, 60Hz, 2.5A or 230VAC, 50/60Hz, 1.3A.
Fusing	5A/250V.

Power Output

Maximum Power
Four (4) PoE+ (30W) ports
or two (2) Hi-PoE (60W) ports.
IEEE 802.3at (30W) and
IEEE 802.3af (15W) compliant.
120W total power.
Integral surge protection.

Fiber Ports: Two (2) Gigabit SFP ports.

Ethernet Ports:
Four (4) 10/100/1000 Mbps ports.
Connectivity: RJ45, auto-crossover.
Wire type: 4-pair CAT5
or better structured cable.
Distance: up to 100m.
Speed: 10/100/1000 Mbps,
half/full duplex, auto negotiation.

Back-up Battery (not included)

Type	Sealed lead acid or gel type.
Failover	Upon AC loss, instantaneous.

Indicators (LED)

Individual **PoE On** LEDs for each port.
Individual **IP Link status, 10/100Base-T/active** LEDs for each port.
ALOS LED indicates fiber connection for SFP port.
Heartbeat LED indicates proper operation of the unit.

LINQ Technology:

Remote network management allows for camera/device reset and monitoring.
Provides local and/or remote access to critical information via LAN/WAN.
Email and Windows Dashboard Alert notifications report real-time diagnostics.
Event log tracks history.

Agency Listings

UL/cUL	UL60950-1 (Information Technology Equipment). UL60950-22 (Information Technology Equipment to be installed Outdoors).
CE	European Conformity.

Physical and Environmental

Backplane Dimensions (H x W x D approx.):
10.75" x 8.875" x 2.375" (273.1mm x 225.4mm x 60.3mm).

Product Weight / Shipping (approx.)

Product Weight:	2.8 lbs. (1.27 kg).
Shipping Weight:	4.2 lbs. (1.9 kg).

Temperature

Operating:	60W: -40ºC to 75ºC (-40ºF to 167ºF). 75W: -40ºC to 70ºC (-40ºF to 158ºF). 100W: -40ºC to 55ºC (-40ºF to 131ºF). 120W: -40ºC to 45ºC (-40ºF to 113ºF).
Storage:	-40ºC to 85ºC (-40ºF to 185ºF).
Relative Humidity:	85% +/-5%
BTU/Hr. (approx.):	61 BTU/Hr.
Operating Altitude:	-304.8 to 2,000m.

Accessories

NetWaySP1A - Ethernet over Fiber Media Converter/Repeater
For Applications requiring an additional SFP (Fiber) Port
NetWaySP1A PoE powered media converter/repeater converts 10/100/1000 Mbps to Fiber (1000Base-X/SX/LX).

P1MM and P1SM10 - SFP Modules
Altronix P1MM and P1SM10 are hot-pluggable SFP fiber transceiver modules and are readily usable with all Altronix Spectrum fiber optic equipment for 1G transmission rates. The P1MM is to be used with Multi-Mode Fiber for distances up to 550m. The P1SM10 is to be used with Single-Mode Fiber for distances up to 10Km.